

IN WATER INVESTIGATION REPORT

BRADFORD ISLAND LANDFILL Cascade Locks, Oregon

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Prepared for:



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LIST OF ABBREVIATIONS

µg/L	micrograms per liter
Å	angstrom
AQUIRE	USEPA's aquatic toxicity database
ARCS	Assessment and Remediation of Contaminated Sediment Project
AWQC	ambient water quality criteria
bgs	below ground surface
BPA	Bonneville Power Administration
CCC	Criterion Continuous Exposure
CMC	Criterion Maximum Exposure
COI	chemicals of interest
DOC	dissolved organic carbon
GPS	global-positioning system
IDW	investigation-derived waste
ISQGs	Canadian Sediment Quality Guidelines for the Protection of Aquatic Life-Interim Freshwater Sediment Quality Guidelines
LDPE	low-density polyethylene
LOEC	Lowest Observed Effects concentrations
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MS	matrix spike
MSD	matrix spike duplicate
msl	mean sea level
NOAA TEL	National Oceanic & Atmospheric Administration Freshwater Sediment Ecological Threshold Effects Level
NOEC	No Effects Concentrations
NTU	Nephelometric Turbidity Units
New York LEL	New York State Sediment Lowest Effect Level for Metals
Ontario LEL	Ontario Ministry of the Environment Lowest Effect Level
ORNL SCV	Oak Ridge National Laboratory Secondary Chronic Values
OSWER	Office of Solid Waste and Emergency Response
PAHs	polycyclic aromatic hydrocarbons
PCBs	polychlorinated biphenyls
Puget Sound NEL	Puget Sound Tributyltin No Adverse Effect Level
QA/QC	quality assurance/quality control
Region 9	Environmental Protection Agency, Region 9
SAP	sampling and analysis plan
SPMD	semi-permeable membrane devices
SVOCs	semivolatile organic compounds
TBT	tributyltin
TEC	Threshold Effect Concentration
TOC	total organic carbon
URS	URS Corporation
USACE DART	U.S. Army Corps of Engineers Data Access in Real Time
USACE	U.S. Army Corps of Engineers
USCS	Unified Soil Classification System
USFW	United States Fish and Wildlife Service
USGS	U.S. Geological Survey
VOCs	volatile organic compounds

LIST OF ABBREVIATIONS

WA State

Washington State Sediment Quality Criteria “No Effects” level